

How TO - JavaScript Countdown Timer

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Learn how to create a countdown timer with JavaScript.

312d 21h 35m 41s

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Creating a Countdown Timer

Example

```
<!-- Display the countdown timer in an element -->
<p id="demo"></p>

<script>
// Set the date we're counting down to
var countDownDate = new Date("Jan 5, 2021 15:37:25").getTime();

// Update the count down every 1 second
var x = setInterval(function() {

    // Get today's date and time
    var now = new Date().getTime();

    // Find the distance between now and the count down date
    var distance = countDownDate - now;

    // Time calculations for days, hours, minutes and seconds
    var days = Math.floor(distance / (1000 * 60 * 60 * 24));
    var hours = Math.floor((distance % (1000 * 60 * 60 * 24)) / (1000 * 60 * 60));
    var minutes = Math.floor((distance % (1000 * 60 * 60)) / (1000 * 60));
    var seconds = Math.floor((distance % (1000 * 60)) / 1000);

    // Display the result in the element with id="demo"
    document.getElementById("demo").innerHTML = days + "d " + hours + "h "
    + minutes + "m " + seconds + "s ";

    // If the count down is finished, write some text
    if (distance < 0) {
        clearInterval(x);
        document.getElementById("demo").innerHTML = "EXPIRED";
    }
}, 1000);
</script>
```

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Tip: Learn more about the [window.setInterval\(\)](#) method in our JavaScript Reference.

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